User Guide

NS-WBRDVD3

INSIGNIA™

Wireless 3D Connected Blu-ray Disc Player

NS-WBRDVD3

INSIGNIA™

Contents

**CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN**

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your player. This label is located on the back of your player.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your player.

This symbol is the symbol for CLASS II (Double Insulation).

Warning

Your player employs a laser system.

Use of controls, adjustments, or the performance of procedures other than those specified may result in hazardous radiation exposure.

Visible laser radiation is present when open and interlocks defeated. **Do not stare into the beam.**

Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.

2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.

3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service, or the shop where you purchased the product.

Important safety instructions

1 Read these instructions.

2 Keep these instructions.

3 Heed all warnings.

4 Follow all instructions.

5 Do not use this apparatus near water.

6 Clean only with dry cloth.

7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11 Only use attachments/accessories specified by the manufacturer.

12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13 Unplug this apparatus during lightning storms or when unused for long periods of time.

14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15 The wall plug is the disconnecting device. The plug must remain readily operable.

16 An apparatus with a three-prong, grounding-type plug is a Class I apparatus, which needs to be grounded to prevent possible electric shock. Make sure that you connect this Class I Wireless 3D Connected Blu-ray Disc Player to a grounding-type, three-prong outlet.

17 Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.

18 The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.

Warnings

> **Warning**
>
> The laser radiation warning label is on the bottom of the player.

Electric shock hazard

To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

Lightning

For added protection during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet. This helps prevent property damage and personal injury from lightning and power line surges.

Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

Safety check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your Wireless 3D Connected Blu-ray Disc Player is in correct operating condition.

Power source

Operate your Wireless 3D Connected Blu-ray Disc Player only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

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Wireless 3D Connected Blu-ray Disc Player

Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-WBRDVD3 represents the state of the art in Wireless 3D Connected Blu-ray Disc Player design and is designed for reliable and trouble-free performance.

Features

- Compatible with 3D devices, such as an AV receiver or TV, that lets you watch 3D programs using 3D glasses (see "Adjusting the HDMI image including 3D mode" on page 17).
- WiFi wireless connectivity for ease of connection.
- Internet access lets you download BD Live content and stream movies and music.
- Full high-definition video playback at up to 1080p resolution for an amazing viewing experience.
- Easy and simple HDTV connection using a single HDMI cable (cable not included).
- Upconversion of standard definition DVDs for enhanced picture quality at up to 1080p over an HDMI connection.
- Rich multi-channel surround sound.
- Multiple outputs for connecting your home theater system or amplifier.
- PIP functionality that lets you display primary and secondary video at the same time (if available on the Blu-ray Disc).
- Pop-up menu display without interrupting playback (if available on the Blu-ray Disc).
- HDMI 1080p 24fps which is the frame speed for movies. When your player is connected to a TV that supports 24fps and this feature is turned on, DVD and Blu-ray Discs play movies at the original recorded frame rate and provide a cinema-like experience.

Package contents

- Wireless 3D Connected Blu-ray Disc Player
- Remote control with two AAA batteries
- *Important Information Document*
- *Quick Setup Guide*

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Front

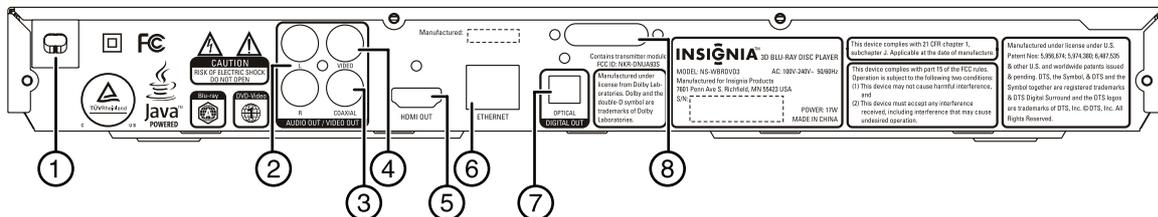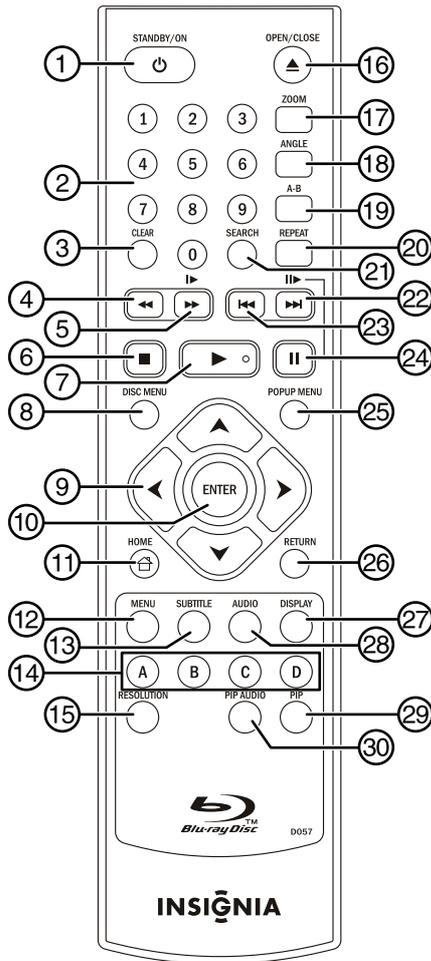| #	Item	Description
1	Disc tray	Insert a disc with label side up into this tray. To open or close the tray, press ⏏ (open/close).
2	LED screen	Displays status information.
3	Remote control sensor	Receives signals from the remote control. Do not block.
4	⏏ (open/close) button	Press to open or close the disc tray.
5	▶❙❙ (play/pause) button	Press to start or pause disc playback.
6	■ (stop) button	Press to stop playback. The HOME menu appears on the screen. To resume playback, on the HOME menu press ▲ ▼ ◀ or ▶ to highlight **My Media**, then press **ENTER**. Press ▲ or ▼ to highlight **DVD-Video** or **Blu-ray Disc**, then press ▶❙❙ (play/pause) or **ENTER**. Depending on the disc, playback starts where it stopped or at the beginning of the disc. Press twice to completely stop playback. Depending on the disc, when you press ▲ ▼ ◀ or ▶ on the HOME menu, highlight **My Media**, then press **ENTER**. Press ▲ or ▼ to highlight **DVD-Video** or **Blu-ray Disc**, then press ▶❙❙ (play/pause) or **ENTER**, playback starts at the beginning of the disc.
7	⏻ (power) button	Press to turn on your player or put your player in standby mode. When your player is in standby mode, power is still entering your player. To disconnect power, unplug the power cord.
8	USB port	Insert a USB flash drive into this port to play multi-media files using the Media Center. See "Viewing photos and playing music and video files" on page 12.

Back

#	Item	Description
1	Power cord	Plug the power cord into a power outlet.
2	L/R AUDIO OUT	Connect these jacks to the analog audio input jacks on a TV or receiver using an analog audio cable. See "Connecting a TV using an AV cable (good)" on page 6.
3	COAXIAL AUDIO OUT	Connect this jack to the coaxial digital input jack on a receiver to play sound through the receiver's speakers. See "Connecting an amplifier using digital coaxial audio" on page 7.
4	VIDEO OUT	Connect this jack to the video in jack on a TV or receiver using a composite video cable. See "Connecting a TV using an AV cable (good)" on page 6.
5	HDMI OUT	Connect a TV to this jack using an HDMI cable. An HDMI cable carries both video and audio. You do not need to make a separate audio connection. See "Connecting a TV using an HDMI cable (best)" on page 6.
6	ETHERNET	Connect an Ethernet cable to this jack and to a broadband Internet jack to stream movies and music and download BD-Live information.
7	OPTICAL DIGITAL OUT	Connect this jack to the optical digital input jack on a receiver to play the sound from the receiver's speakers. See "Connecting an amplifier with digital optical audio" on page 7.
8	WiFi antenna	Sends and receives signals from a wireless access point or router.

Remote control

#	Item	Description
1	⏻ STANDBY/ON	Press to turn on your player or put your player in standby mode. When your player is in standby mode, power is still entering your player. To disconnect power, unplug the power cord.
2	Numbers	In playback mode, press **SEARCH**, then press the number buttons to enter a title, chapter, track, or time. In menu mode, press to enter numbers.
3	CLEAR	Press to clear an input error.
4	◀◀ (fast reverse)	Press to fast reverse. Each time you press this button, the fast-reverse speed increases from ◀◀ 1, ◀◀ 2, ◀◀ 3, ◀◀ 4, to ◀◀ 5. Press ▶ (play) to resume normal playback.
5	▶▶ /�▶ (fast forward/ slow fast forward)	Press to fast forward. Each time you press this button, the fast-forward speed increases from ▶▶ 1, ▶▶ 2, ▶▶ 3, ▶▶ 4, to ▶▶ 5. Press ▶ (play) to resume normal playback. Press ❚❚ (pause), then press this button to play forward slowly.

| #	Item	Description
6	■ (stop)	Press to stop playback. The HOME menu appears on the screen. To resume playback, on the HOME menu press ▲ ▼ ◀ or ▶ to highlight **My Media**, then press **ENTER**. Press ▲ or ▼ to highlight **DVD-Video** or **Blu-ray Disc**, then press ▶ (play) or **ENTER**. Depending on the disc, playback starts where it stopped or at the beginning of the disc. Press twice to completely stop playback. Depending on the disc, when you press ▲ ▼ ◀ or ▶ on the HOME menu, highlight **My Media**, then press **ENTER**. Press ▲ or ▼ to highlight **DVD-Video** or **Blu-ray Disc**, then press ▶ (play) or **ENTER**, playback starts at the beginning of the disc.
7	▶ (play)	Press to start playback.
8	DISC MENU	During Blu-ray Disc or DVD playback, press to open the Blu-ray Disc or DVD root menu where you can select playback options.
9	▲ ▼ ◀ ▶	When a menu is open, press to highlight an item, then press **ENTER**. When viewing a picture (JPEG file), press to rotate the picture.
10	ENTER	Press to confirm selections.
11	⌂ HOME	Press to open the HOME menu.
12	MENU	Press to display and change the media player settings, such as current title and chapter, elapsed or remaining playing time, play mode, audio mode, viewing angle, subtitle language, and bitrate. Press **ENTER**, then press ▲ or ▼ to select the item you want to change. Change the item, then press **ENTER**. Press **MENU** again to hide the menu.
13	SUBTITLE	Press to select a subtitle language or to turn subtitles off. When you press this button, "X/X XXX" appears on the screen. The first "X" indicates the number of the current language. The second "X" indicates the total number of available languages. The "XXX" indicates the language's country.
14	A (red), B (green), C (yellow), D (blue)	When playing a Blu-ray Disc that has a Java™ application, press to control playback. For more information, see the documentation that came with the Blu-ray Disc.
15	RESOLUTION	Press to select the video resolution. See "Selecting the video output resolution" on page 16.
16	⏏ OPEN/CLOSE	Press to open or close the disc tray.
17	ZOOM	Press to zoom in on a video. Each time you press this button, the magnification level changes.
18	ANGLE	Press to select a viewing angle if multiple angles are available on the disc. See "Selecting a viewing angle" on page 15.
19	A-B	Press to create a playback loop. See "Creating a playback loop on a DVD or audio CD" on page 15,
20	REPEAT	Press to repeat the current title, chapter, or track, to repeat all, or to turn off repeat mode. See "Repeating a title, chapter, or CD track" on page 14.
21	SEARCH	Press to search for a title, chapter, or specific time on a disc. See "Searching for a title, chapter, or elapsed time" on page 14.

#	Item	Description
22	▶▶I/ II▶ (next/step forward)	Press to go to the next title, chapter, or track. Press II (pause), then press this button to play forward one video frame at a time.
23	I◀◀ (previous)	Press to go to the previous title, chapter, or track.
24	II (pause)	Press to pause playback. Press again to resume playback.
25	POPUP MENU	During Blu-ray Disc playback, press to open a menu that lets you control Blu-ray Disc playback. In the Media Center, press to open the *Edit* menu where you can select files for playback.
26	RETURN	When the HOME menu is open, press to return to the previous menu.
27	DISPLAY	Press to display disc information. Press again to hide the information.
28	AUDIO	Press to select the audio mode. See "Selecting the audio channel with the remote control" on page 15.
29	PIP	Press to turn PIP (picture-in-picture) mode on or off. See "Using PIP (picture-in-picture) mode" on page 15.
30	PIP AUDIO	In PIP mode, press to turn the audio for the secondary video on or off. See "Using PIP (picture-in-picture) mode" on page 15.

Setting up your player

Installing the remote control batteries

To install the remote control batteries:

1   Press down on the battery compartment cover latch, then slide the cover off the remote control.
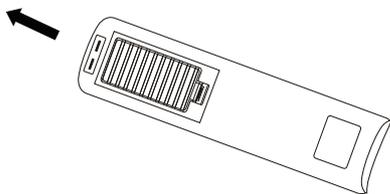
2   Insert two AAA batteries into the battery compartment. Make sure that the + and – symbols on the batteries match the + and – symbols in the battery compartment.
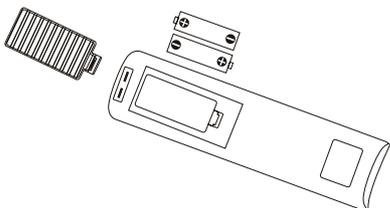
3   Replace the cover.
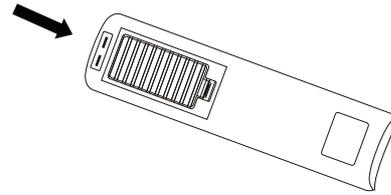
Cautions

- Make sure that you insert the batteries correctly.
- Do not heat, open, or short-circuit batteries.
- Do not throw batteries into a fire.
- Do not mix different types of batteries or mix old and new batteries.
- Do not try to recharge non-rechargable batteries.
- If the remote control does not function correctly or if the operating range becomes reduced, replace the batteries.

Connecting a TV using an HDMI cable (best)

To connect a TV using an HDMI cable (best):

- Connect an HDMI cable (not included) to the **HDMI OUT** jack on the back of your player and to the **HDMI IN** jack on the TV.
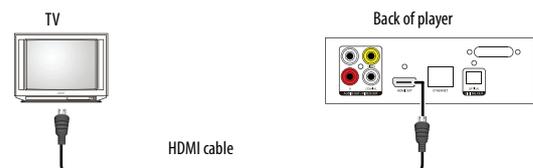
Note

An HDMI cable carries both video and audio. You do not need to make an audio connection.

Connecting a TV using an AV cable (good)

To connect a TV using an AV cable (good):

- Connect an A/V cable (not included) to the **VIDEO OUT** and **L/R AUDIO OUT** jacks on the back of your player and to the **VIDEO IN** and **AUDIO IN L/R** jack on the TV. Jacks and cable connectors are usually color-coded. Make sure that you match the colors.
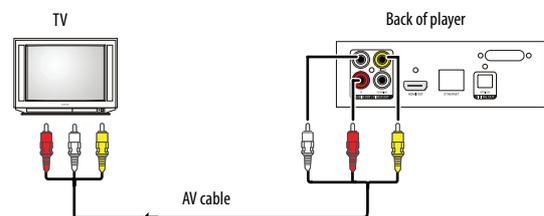
Connecting an amplifier with digital optical audio

To connect an amplifier with digital optical audio:

1   Connect a video cable (not included) to the **VIDEO OUT** jack on the back of your player and to the **VIDEO IN** jack on the TV.

> **Note**
>
> You can connect an HDMI cable (not included) to the **HDMI OUT** jack on the back of your player and to the **HDMI IN** jack on the TV instead of using the **VIDEO OUT** jack.
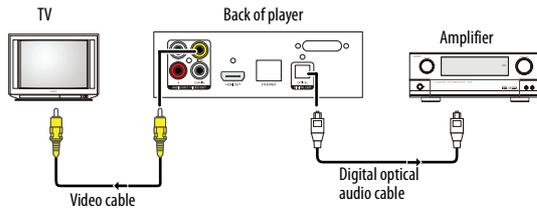
2   Connect a digital optical audio cable (not included) to the **OPTICAL DIGITAL OUT** jack on the back of your player and to the **OPTICAL DIGITAL IN** jack on the amplifier.

Connecting an amplifier using digital coaxial audio

To connect an amplifier using digital coaxial audio:

1   Connect a video cable (not included) to the **VIDEO OUT** jack on the back of your player and to the **VIDEO IN** jack on the TV.

> **Note**
>
> You can connect an HDMI cable (not included) to the **HDMI OUT** jack on the back of your player and to the **HDMI IN** jack on the TV instead of using the **VIDEO OUT** jack.
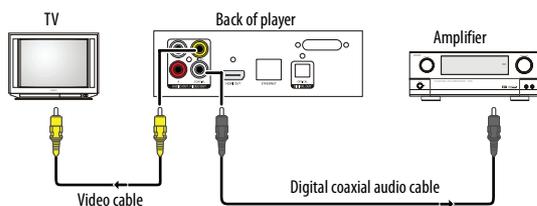
2   Connect a digital coaxial audio cable (not included) to the **COAXIAL AUDIO OUT** jack on the back of your player and to the **COAXIAL AUDIO IN** jack on the amplifier.

Connecting to the Internet

### *Wired connection*

Using a wired network provides the best performance because the attached devices connect directly to the network and are not subject to radio frequency interference.

> **Notes**
>
> * When plugging or unplugging the Ethernet cable, hold the plug portion of the cable.
> * When unplugging, do not pull on the Ethernet cable. While pressing down on the cable lock on the plug, pull the plug out of the jack.
> * Do not connect a modular phone cable to the **ETHERNET** jack.
> * Connection configurations vary based on the specifications of your Internet service provider. Contact your provider for specific instructions about setting up your wired connection.

To connect to the Internet using a wired connection:

1   Make sure that your player is turned off and the power cord is unplugged.

2   Connect a network cable to the **ETHERNET** jack on the back of your player and into a wired router using a commercially available LAN or Ethernet cable.
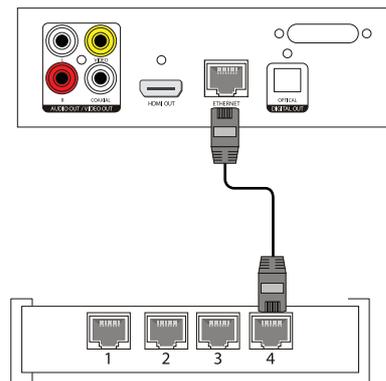
For instructions on configuring a wired Internet connection, see "Configuring a wired Internet connection" on page 21.

Wireless connection

Your player is equipped with a built-in IEEE 802.11n wireless module, which also supports the IEEE 802.11b/g standards. For the best wireless performance, we recommend using an IEEE 802.11n certified Wi-Fi network (access point or wireless router).

The network configuration and connection method may vary depending on the equipment in use and the network environment.
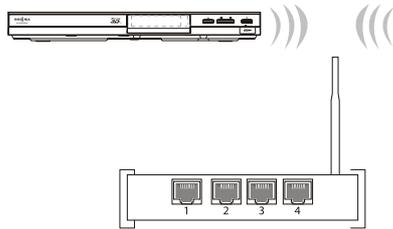
For instructions on configuring a wireless connection, see "Configuring a wireless Internet connection" on page 21.

Turning on your player for the first time

The first time you turn on your player, the *Quick Setup* wizard opens automatically. You can use the wizard to select initial settings for your player, such as the menu language and video resolution.

Note

The Quick Setup wizard automatically selects the most commonly used settings. If you are unsure about a setting, use the setting selected by the Quick Setup wizard.

To complete the *Quick Setup* wizard:

1 Make sure that the TV is connected to your player.

2 Turn on the TV and your player. The *Quick Setup* wizard opens.
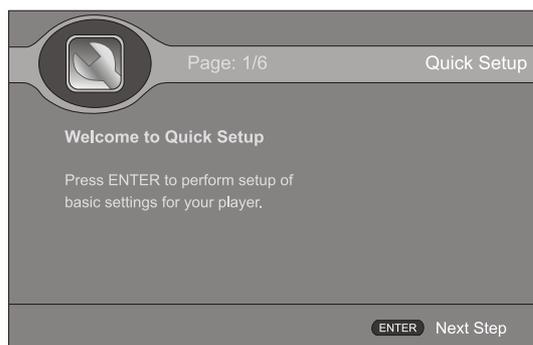
3 Press **ENTER**, then follow the on-screen instructions to complete the wizard. When the wizard is complete, the following screen is displayed.
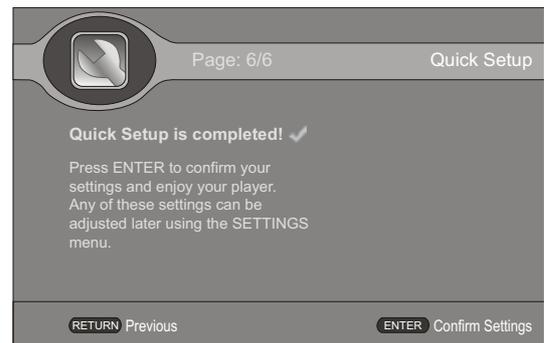
Note

You can run the *Quick Setup* wizard again by selecting **QUICK SETUP** on the HOME menu.

Using your player

Using connected applications

> **Note**
>
> Online services frequently update their sites. They may change how you log on or how you use the sites. If you experience problems when you try to use a service, contact the service, not Insignia.

You can watch movies over the Internet (for example, from Netflix or CinemaNow), listen to Pandora Internet radio, or watch the latest personal video on YouTube. Before you can use these Internet services, you must first:

- Have connected your player to the Internet.
- Have a valid account to these services.
- Follow on screen instructions to activate accounts. You may need a computer.

Activating an online service

To activate an online service:
1 After you successfully connect to the Internet, press ⌂ **HOME**. The HOME menu is displayed.
2 Press ▲ ▼ ◀ or ▶ to highlight the service you want to access, then press **ENTER**.
3 Follow the on-screen instructions to activate and set up an account. You may need a computer.

For instructions on how to deactivate an online service, see "Deactivating individual online applications" on page 31

Watching movies with CinemaNow (application available in US only)

> **Note**
>
> CinemaNow is coming to the Canada market in a future release.

With CinemaNow on your player, you can rent some of your favorite movies from the comfort of your couch. All you need is your Insignia remote.

Once you have a CinemaNow account, grab some popcorn and enjoy the show.

To set up your CinemaNow account:
1 Set up your CinemaNow account through your computer. Go to

www.cinemanow.com/ activate

to get an activation PIN.
2 Click **Activate a New Device**, then sign in again with your user name and password.
3 Enter any name in the **Name Your Device** section, then click **Continue**. You assigned a valid activation number to enter into the activation field within the Cinemanow application on your player.
4 After you successfully connect to the Internet, press ⌂ **HOME**. The HOME menu is displayed.
5 Press ▲ ▼ ◀ or ▶ to **CinemaNow**, then press **ENTER**.
6 Select the **Settings** tab at the bottom of the screen, then press **ENTER**.

7 Select **Activate**, then enter your activation code. You can now rent movies using Cinemanow.
8 To exit CinemaNow, press ⌂ **HOME**.

Watching movies with Netflix (application available in US and Canada markets)

> **Note**
>
> You must have a valid Netflix account in order to stream Netflix movies to your player.

With Netflix on your player, if you have a Netflix unlimited plan, you can instantly watch thousands movies and TV episodes streamed from Netflix to your player.

Just add shows to your Netflix Instant Queue, and start watching.

To watch movies with Netflix:
1 After you successfully connect to the Internet, press ⌂ **HOME**. The HOME menu is displayed.
2 Press ▲ ▼ ◀ or ▶ to **Netflix**, then press **ENTER**.
3 Follow the directions on the screen to register your player. You are assigned an activation code.
4 If you already have an existing Netflix account, log in to your account on your computer. Click the Your **Account & Help** link in the upper right corner of the screen.

   In the **WATCHING INSTANTLY ON YOUR TV OR COMPUTER** section, click **Activate a Netflix Ready Device**, then enter the activation code from Step 1.
   OR

   If you do not have an existing Netflix account, go to http://www.netflix.com/Insignia (US) or http://www.netflix.ca/Insignia (Canada) to start your free trial and enter the activationcode from Step 1 into the **Insignia** code field on screen.
5 After setting up your account and activating your player, browse to **Instant** under the **Your Queue** tab and add movies to queue.
6 To exit Netflix, press ⌂ **HOME**.

Listening to music with Pandora (application available in US only)

Pandora on your player lets you choose exactly the music you want to hear and creates personal Internet radio stations that play it for you. Just enter a song title or band name that represents the kind of music you want to hear, and Pandora starts a unique Pandora station that plays music similar to it. Add variety by entering other titles and bands to your station, and even more variety by creating multiple Pandora stations (up to 100!).

For existing Pandora customers:
1 After you successfully connect to the Internet, press ⌂ **HOME**. The HOME menu is displayed.
2 Press ▲ ▼ ◀ or ▶ to **Pandora**, then press **ENTER**. The Welcome to Pandora screen opens.
3 Press **ENTER** to activate Pandora. A message asks "Do you already have a Pandora account?".
4 Choose **Yes**, then press **ENTER** to confirm.

5 When a message tells you "Sign in to your Pandora account," input the correct E-mail address and password with the small keyboard on the screen, then press **ENTER**.

After you enter a station list, it plays automatically. You can choose another chapters, then press **ENTER** to play.

For new Pandora customers:

1 After you successfully connect to the Internet, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to **Pandora**, then press **ENTER**. The *Welcome to Pandora* screen opens.

3 Press **ENTER** to activate Pandora. A message asks "Do you already have a Pandora account?".

4 Choose **No**, then press **ENTER** to confirm. Information like the activation code appears on the screen.

5 On your computer, go to www.pandora.com/Insignia

and enter the activation code from Step 4, then click **Activate**.

Click **Create a Pandora Account**, then follow the on-screen instructions.

To exit Pandora, press ⌂ **HOME**.

To create a new Pandora account using a computer:

• Go to http://www.pandora.com/ to create a new account.

Contact the partner company (not Insignia) if you experience an issue using one of these applications.

Note
Support numbers for the connected applications apply to the US market only.

Netflix:
www.netflix.com/help
1-866-579-7113

CinemaNow:
www.cinemanow.com/support

Pandora:
http://blog.pandora.com/faq/

YouTube:
http://www.google.com/support/youtube/

Note
A particular connected service may not be available in the country in which you live. Consult the streaming services support page to see if service is currently available in your country. To stay up-to-date on future connected service options for your player, visit www.insigniaproducts.com.

Playable discs

Disc type	Logo	Disc type	Logo
3D Blu-ray Disc	Blu-ray 3D™	DVD-RW	DVD RW
Blu-ray Disc	Blu-ray Disc™	Audio CDs (CDDA)	COMPACT disc DIGITAL AUDIO
DVD-video (DVD-ROM)	DVD VIDEO	CD-R	disc Recordable
DVD+R	RW DVD+R	CD-RW	disc ReWritable
DVD+RW	RW DVD+ReWritable	MPEG4	MPEG4
DVD-R	DVD R	MP3/WMA/ JPEG/Data CD	

Notes
• Writeable DVD discs (DVD+RW/+R, DVD-RW/-R) must be finalized, VR-mode only.
• Playback may not work for some types of discs, or when specific operations, such as an angle change and aspect ratio adjustment, are being performed. Information about the discs is written in detail on the box.
• Do not allow the disc to become dirty or scratched. Fingerprints, dirt, dust, scratches, or deposits of cigarette smoke on the recording surface may make it impossible to use the disc for playback.
• CD-R/-RW, DVD-RW/-R recorded with UDF or ISO9660 format can be played back.
• Windows Media Audio (WMA) files must be written to the disc with a .wma file extension in order to be recognized and played back correctly.
• JPEG picture files must be written to the disc with a .jpeg or .jpg file extension in order to be recognized and played back correctly.

About Blu-ray Discs

The massive storage capacity of a Blu-ray Disc allows a higher standard of picture and audio quality and a wealth of special effects and enhanced features not available on DVDs.

Java

Your player features Java support so you can get the most out of the latest Blu-ray Discs. When a Blu-ray Disc loads, explore the title menu to enjoy these extra features.

Color buttons

The red, green, yellow, and blue buttons on the remote control are used with interactive menus when operating a Blu-ray Disc that includes Java applications. For more information about using this kind of disc, see the instructions that came with the disc.

HDMI

HDMI is the only connection type capable of transmitting the huge volumes of data required by the high picture resolutions and advanced digital audio codecs that make Blu-ray such an exciting medium.

Playing Blu-ray Discs

Playing Blu-ray Discs are a lot like playing DVDs, except Blu-ray Discs have a higher level of interactivity.

Most of the standard features of DVD playback work the same with Blu-ray Disc playback. The two most common exceptions are:

* **Resume play**—Not available on some Blu-ray Java discs
* **A-B repeat** (playback loop)—Not available on some Blu-ray Discs

About BD-Live

Some Blu-ray Discs contain additional features that require an Internet connection, such as:

* Downloadable movie trailers
* Commentaries by actors and directors
* Multi-person games and chat

To access these features you need to:

* Insert a USB flash drive with at least 1 GB of available space into the USB port on the front of your player
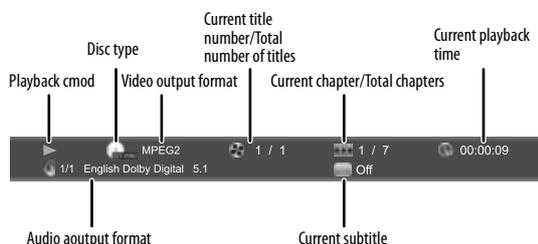* Set up your player's Internet connection

Playing a Blu-ray Disc or DVD

To play a Blu-ray Disc or DVD:

1 Press ⏻ **STANDBY/ON**.

2 Turn on the TV, then select the input setting on the TV that matches the connection method you used to connect your player.

3 Press ⏏ **OPEN/CLOSE** to open the disc tray.

4 Place a disc on the disc tray with the label facing up, then press ⏏ **OPEN/CLOSE** to close the disc tray. It may take a few seconds for the disc to load.

5 If a Blu-ray Disc or DVD menu opens, press ▲ ▼ ◄ or ► to highlight **PLAY**, then press **ENTER**.

6 To eject the disc, press ⏏ **OPEN/CLOSE**.

Controlling Blu-ray Disc or DVD playback

When a Blu-ray Disc or DVD is playing, press the **DISPLAY** button on the remote control to see the following information.

Current title
number/Total
number of titles

Disc type

Current playback
time

Playback cmod   Video output format   Current chapter/Total chapters

►   MPEG2   1 / 1   1 / 7   00:00:09
1/1   English Dolby Digital   5.1   Off

Audio aoutput format   Current subtitle

Note

If ⊘ appears on the screen, the current action is not permitted by the disc or your player. For example, many discs do not let you fast-forward through the warning information at the beginning of the disc.

To control Blu-ray Disc or DVD playback:

* To start playback, press ► (play).
* To pause playback, press ‖ (pause). To resume playback, press ‖ (pause) or ► (play).
* To stop playback, press ■ (stop). The startup logo appears on the screen.To resume playback, on the HOME menu press ▲ ▼ ◄ or ► to highlight **My Media**, then press **ENTER**. Press ▲ or ▼ to highlight **DVD-Video** or **Blu-ray Disc**, then press ► (play) or **ENTER**. Depending on the disc, playback starts where it stopped or at the beginning of the disc.

  Press ■ (stop) twice to completely stop playback. Depending on the disc, when you press ▲ ▼ ◄ or ► on the HOME menu, highlight **My Media**, then press **ENTER**. Press ▲ or ▼ to highlight **DVD-Video** or **Blu-ray Disc**, then press ► (play) or **ENTER**, playback starts at the beginning of the disc.

* To fast forward or fast reverse, press ►► (fast forward) or ◄◄ (fast reverse). Each time you press one of these buttons, the fast forward or fast reverse speed changes. The speeds are 1, 2, 3, 4, and 5. To resume normal playback, press ► (play).
* To go to the next chapter, press ►►I/‖► (next/step). To go to the start of the current chapter, press I◄◄ (previous). To go the previous chapter, press I◄◄ (previous) twice.
* To play slowly forward, press ‖ (pause), then press ►► /I► (fast forward/slow forward). To resume playback, press ► (play). Each time you press this button, the speed changes. The speeds are 1/16, 1/8, 1/4, and 1/2.
* To play forward one video frame at a time, press ‖ (pause), then press ►►I/‖► (next/step). Each time you press this button, the video advances one frame. To resume playback, press ► (play).

If you press **MENU** during playback, information about the disc is displayed.

Blu-ray Disc information:

💽 BluRay Disc   Disc type

01 / 06 ►
02 / 04 ►
00:00:11 ►
Off ►
01 /01 ►
Off ►
▼

Title
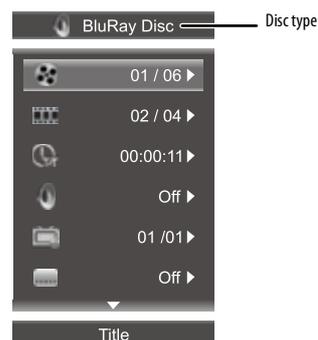
DVD video disc information:

Disc type

Playing an audio CD

1 Press ⏻ **STANDBY/ON**.

2 Turn on the TV, then select the input setting on the TV that matches the connection method you used to connect your player.

3 Press ⏏ **OPEN/CLOSE** to open the disc tray.

4 Place a CD on the disc tray with the label facing up, then press ⏏ **OPEN/CLOSE** to close the disc tray. It may take a few seconds for the CD to load.

5 If the CD does not start playing automatically, press ▶ (play.)
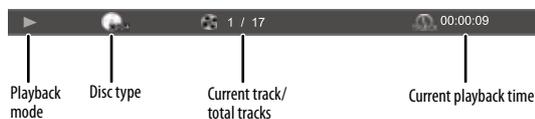
6 To eject the CD, press ⏏ **OPEN/CLOSE**.

Controlling audio CD playback

When a CD is playing, the following information appears automatically.

Playback mode   Disc type   Current track/ total tracks   Current playback time

To control audio CD playback:

- To pause playback, press ‖ (pause). To resume playback, press ‖ (pause) or ▶ (play).
- To stop playback, press ■ (stop). To resume playback, press ▶ (play). Playback starts at the beginning of the CD.
- To press ■ (stop) twice to completely stop playback. On the HOME menu, press ▲ ▼ ◄ or ▶ to highlight **My Media**, then press **ENTER**. Press ▲ or ▼ to highlight **CDDA**, then press **ENTER**.
- To fast forward or fast reverse, press ▶▶ (fast forward) or ◀◀ (fast reverse). To resume normal playback, press ▶ (play).
- To go to the next track, press ▶▶/‖▶ (next/step). To go to the start of the current track, press ◀◀ (previous). To go the previous track, press ◀◀ (previous) twice.

Viewing photos and playing music and video files

Media Center lets you browse and play multimedia files on a data disc or USB device, such as a flash drive.

Notes

- A file name can be up to 255 characters.
- The folder name can be up to 1152 characters.
- When playing a video disc, you must stop playback, then switch to the USB device.

To play files on a data disc or USB device:

1 Insert a data disc into the disc tray or plug a USB device into the USB jack on the front of your player.

2 After the files load, press ⌂ **HOME**. The HOME menu opens.

3 Press ▲ ▼ ◄ or ▶ to highlight **My Media**, then press **ENTER**. The Media Center menu opens. The following illustration is for a data disc.

The Media Center has three folders:

- **Photo**—Contains the photo files on the data disc or USB flash drive. You can view individual photos in this folder or create a slideshow of photos. See "Viewing a photo" on page 13 and "Creating a slideshow of photos" on page 13. Supported file types are files with .jpg, .jpeg, .png, or .gif file extensions.
- **Music**—Contains the music files on the data disc or USB flash drive. You can listen to individual music files in this folder or create a playlist of music files. See "Listening to a music file" on page 13 and "Creating a music playlist of music files" on page 14. Supported file types are files with .wma or .mp3 file extensions.

• **Video**—Contains the video files on the data disc or USB flash drive. You can view a video in this folder. See "Playing a video" on page 14. **Supported file types are files with .mpeg4 or .avi file extensions.**

4 Press ▲ or ▼ to highlight a folder name, then press **ENTER**.

During playback, if you press **MENU** information about the disc is displayed.

Photo disc:

Disc type

Picture File

10 /1534 ▶
Normal ▶
Middle ▶
None ▶

File

Viewing a photo

To a view photo:

1 In Media Center, open the **Photo** folder.

2 Press ▲ or ▼ to highlight the photo you want to view, then press **ENTER**. The photo is displayed.

Notes
When you highlight a JPEG file, a thumbnail view of the JPEG is displayed on the bottom right of the screen. This lets you preview a photo before you display it full-screen. The file type, size, and resolution are displayed on the preview area.

You can:

• Press ▲ ▼ ◄ or ▶ to rotate the photo.
• Press ■ (stop) to return to Media Center.

Creating a slideshow of photos

To create a slideshow of photos:

1 In Media Center, open the **Photo** folder.

2 Press **POPUP MENU**. The *Edit* menu opens.

Data Disc/Photo

..
0
03 — Add to Playlist
06 — Select all
0601 — Clear all
0602 — Cancel
0603

Type: JPG
Size: 0.241M
Resolution: 1024x768

POPUP Edit Menu
HOME Exit

3 Press ▲ or ▼ to highlight an option, then press **ENTER**. You can select:

• **Add to Playlist**—Adds the currently selected file to the playlist.
• **Select All**—Adds all the files and folders in the current folder to the playlist. A check mark appears next to each file or folder. This option can select 100 files or folders. If the current folder has more than 100 files or folders, the first 100 are selected.
• **Clear All**—Removes all selected files and folders from the playlist. The check marks next to the files and folders disappear.
• **Cancel**—Closes the *Edit* menu.

To control slideshow playback:

• Press ◄ or **RETURN** to go back to *Data Disc/Photo* screen, select the playlist you want to control, then press **ENTER**.
• Press ▶ (play) to start playback.
• Press ‖ (pause) to pause playback. Press ‖ (pause) or ▶ (play) to resume playback.
• Press ■ (stop) to stop the slideshow and return to the file list.
• Press **REPEAT** once to repeat the currently displayed photo, press twice to repeat all the photos in the slideshow, press a third time to cancel the repeat function and resume normal playback.
• Press ◄◄ (fast reverse) or ▶▶ (fast forward) to change the playback speed from fast, to middle, to slow.
• Press **DISPLAY** to view information about the currently displayed photo.

Listening to a music file

To listen to a music file:

1 In Media Center, open the **Music** folder.

2 Press ▲ or ▼ to highlight the music file you want to listen to, then press **ENTER**. The file plays.

You can:

• Press ‖ (pause) to pause playback. Press ‖ (pause) or ▶ (play) to resume playback.
• Press ■ (stop) twice to stop playback and return to the file list.

Creating a music playlist of music files

To create a music playlist:
1   In Media Center, open the **Music** folder.
2   Press **POPUP MENU**. The *Edit* menu opens.

```
Data Disc/Music/CD01
        ..
✓  🎵  Track01
   🎵  Track02      ┌─────────────────┐
                    │  Add to Playlist │
✓  🎵  Track03      │                  │   Type: MP3
                    │   Select all     │   Total Time: 04:38
   🎵  Track04      │                  │   Title:
                    │   Clear all      │   Artist:
   🎵  Track05      │                  │   Album:
                    │    Cancel        │   Genre:
   🎵  Track06      └─────────────────┘
                                    (POPUP) Edit Menu
                                    (HOME) Exit
```

3   Press ▲ or ▼ to highlight an option, then press **ENTER**. You can select:
   •   **Add to Playlist**—Adds the currently selected file to the playlist.
   •   **Select All**—Adds all the files and folders in the current folder to the playlist. A check mark appears next to each file or folder. This option can select 100 files or folders. If the current folder has more than 100 files or folders, the first 100 are selected.
   •   **Clear All**—Removes all selected files and folders from the playlist. The check marks next to the files and folders disappear.
   •   **Cancel**—Closes the *Edit* menu.

To control playlist playback:
   •   Press ◄ or **RETURN** to go back to *Data Disc/Music* screen, select the playlist you want to control, then press **ENTER**.
   •   Press ► (play) to start playback.
   •   Press ‖ (pause) to pause playback. Press ‖ (pause) or ► (play) to resume playback.
   •   Press ■ (stop) twice to stop the playlist and return to the file list.
   •   Press **REPEAT** once to repeat the currently playing file, press twice to repeat all the files in the playlist, press a third time to cancel the repeat function and resume normal playback.
   •   While a file is playing, press **A-B** to mark a starting point for a playback loop. The file continues to play. When you reach the point where you want to playback loop to end, press **A-B** again. The playback loop plays. Press **A-B** again to cancel the playback loop and return to normal playback.

Playing a video

To play a video:
1   In Media Center, open the **Video** folder.
2   Press ▲ or ▼ to highlight the video file you want to watch, then press **ENTER**. The file plays.
3   To control video playback:
   •   Press ‖ (pause) to pause playback. Press ‖ (pause) or ► (play) to resume playback.
   •   Press ■ (stop) to stop the video and return to the file list.
   •   While a video is playing, press **A-B** to mark a starting point for a playback loop. The video continues to play. When you reach the point where you want to playback loop to end, press **A-B** again. The playback loop plays. Press **A-B** again to cancel the playback loop and return to normal viewing.
   •   Press **DISPLAY** to view information about the currently playing video.

Searching for a title, chapter, or elapsed time

Note
Some discs do not let you search for a title.

To search for a title, chapter, or elapsed time:
1   During playback, press **SEARCH**, then press **ENTER**.
2   Press ▲ ▼ ◄ or ► to highlight a search mode, then press **ENTER**. You can select **Title**, **Chapter**, or **Time**.
3   Press the number buttons to enter a title number, chapter number, or time, then press **ENTER**. Your player goes to the title, chapter, or time you entered.
4   Press **DISPLAY** to exit search mode.

Repeating a title, chapter, or CD track

Notes
•   Repeat does not work with Blu-ray JAVA discs.
•   Some Blu-ray Discs do not let you repeat all.

To repeat a title or chapter or CD track:
   •   To repeat a title or chapter, press **REPEAT** one or more times to select a repeat mode. You can select **Repeat Title**, **Repeat Chapter**, **Repeat track**, **Repeat all**, or **Off**.
   •   To repeat a CD track, press **REPEAT** one or more times to select a repeat mode. You can select **Repeat Track**, **Repeat All**, or **Off**.

Creating a playback loop on a DVD or audio CD
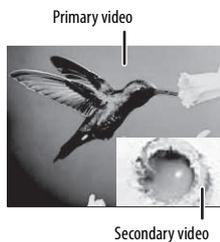
> **Note**
>
> Blu-ray Discs do not normally support playback loops.

To create a playback loop:

1 Play the disc until you reach the point where you want the loop to start, then press **A-B**.

2 Play the disc until you reach the point where you want the loop to stop, then press **A-B**. Your player plays the loop you created repeatedly.

3 Press **A-B** to cancel the loop and return to normal playback.

Using PIP (picture-in-picture) mode

Some Blu-ray Discs are compatible with picture-in-picture (PIP) mode. In PIP mode, the primary video is displayed on the full screen, and the secondary video is displayed in a small window.

Primary video

Secondary video

See the documentation that came with the disc for playback instructions.

To use PIP mode:

1 Press **PIP** to turn PIP mode on or off.

2 If PIP mode is on, press **PIP AUDIO** to turn the audio for the video in the PIP window on or off.

> **Note**
>
> In search mode or frame-by-frame playback mode, only the primary video plays.

Using a disc popup menu

To use a disc popup menu:

1 During Blu-ray Disc playback, press **POPUP MENU**. The Blu-ray Disc popup menu opens.

2 Press ▲ ▼ ◄ or ► to highlight an option, then press **ENTER**.

Selecting the audio channel with the remote control

To select the audio channel with the remote control:

- Press **AUDIO** one or more times. Your player displays audio channel information, such as "1/2 English Dolby Digital stereo." "1" indicates the currently selected audio channel. "2" indicates the total number of audio channels. "English" indicates the audio language. "Dolby Digital" describes the currently selected audio format. "Stereo" indicates the current audio mode.

Selecting a viewing angle

> **Note**
>
> Not all discs are recorded with multiple viewing angles and not all scenes on a disc have multiple viewing angles.

To select a viewing angle:

- During playback, press **ANGLE**. Your player displays "Angle: X of X." "The first "X" indicates the current viewing angle, and the second "X" indicates the total number of viewing angles.
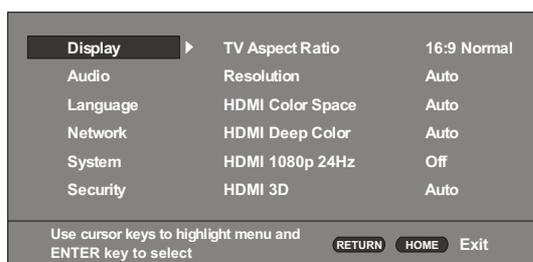
Selecting the TV aspect ratio

To select the TV aspect ratio:

1 Turn on your player.

   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens with **Display** highlighted.

Display	►	TV Aspect Ratio	16:9 Normal
Audio		Resolution	Auto
Language		HDMI Color Space	Auto
Network		HDMI Deep Color	Auto
System		HDMI 1080p 24Hz	Off
Security		HDMI 3D	Auto

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

3 Press **ENTER**. **TV Aspect Ratio** is highlighted.

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight an aspect ratio, then press **ENTER**.

   You can select: **16:9 Normal**, **16:9 Full**, **4:3 Pan & Scan**, or **4:3 Letterbox**.

   Note
   - If your TV has a rectangular (16:9) aspect ratio, choose one of the 16:9 aspect ratios. If your TV has a square (4:3) aspect ratio, choose one of the 4:3 aspect ratios.
   - Setting your player for one of the 16:9 settings when connected to a 4:3 TV may produce a picture that does not correctly fit on the screen.

Selecting the video output resolution

Notes
- Selecting a resolution the TV does not support could result in an unstable picture or loss of the picture. See the documentation that came with the TV to find the resolutions the TV supports.
- Only the HDMI output on your player supports 1080p video output at any frame rate.
- The AV (analog) jack only support the 480i or 480p resolution. If the TV is connected to these jacks and no picture is displayed, press **RESOLUTION** one or more times until you see a picture.

To select the video output resolution using the remote control:

- Press **RESOLUTION** one or more times to select a resolution. You can select **Auto**, **1080p**, **1080i**, **720p**, **480p**, or **480i**.

   Note
   Auto selects the best resolution based on the video input.

To select the video output resolution using the SETTINGS menu:

1 Turn on your player.

   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens with **Display** highlighted.

Display	►	TV Aspect Ratio	16:9 Normal
Audio		Resolution	Auto
Language		HDMI Color Space	Auto
Network		HDMI Deep Color	Auto
System		HDMI 1080p 24Hz	Off
Security		HDMI 3D	Auto

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit
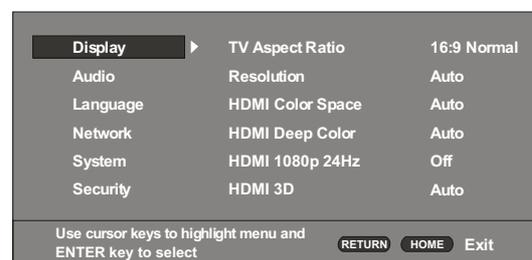
3 Press **ENTER**, press ▲ or ▼ to highlight **Resolution**, then press **ENTER**.

4 Press ▲ or ▼ to highlight a resolution, then press **ENTER**. You can select **Auto**, **1080p**, **1080i**, **720p**, **480p**, or **480i**.

   Note
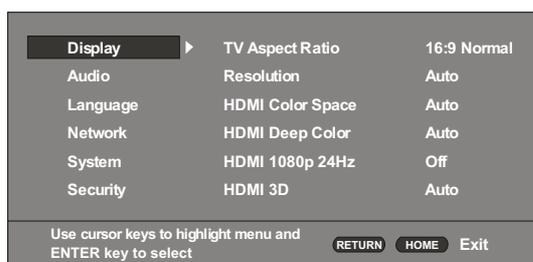   **Auto** selects the best resolution based on the video input.

Adjusting the HDMI image including 3D mode

To adjust the HDMI image:

1 Turn on your player.

   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens with **Display** highlighted.

3 Press **ENTER**, press ▲ or ▼ to highlight an HDMI option, then press **ENTER**. You can select:

   • **HDMI Color Space**—You can select **Auto**, **YCbCr**, **YCbCr422**, **Full RGB**, or **RGB**. "Color Space" refers to the number of individual colors that can be displayed on the screen. If you know the Color Space capability for the connected TV, you can select one of these options to match the TV's color display capability. We recommend that you select Auto.

   • **HDMI Deep color**—You can select **Auto** or **Off**. If this option is set to **Auto** and your TV supports Deep color, the screen displays colors more accurately. See the documentation that came with your TV to see if your TV supports Deep color.

   • **HDMI 1080p 24HZ**—Movies are recorded on film at a rate of 24 pictures (frames) per second. Many of the movies on Blu-ray Discs are placed on the discs at this frame rate. If your TV supports 24 frames per second, but you would prefer viewing the video at a higher frame rate, you should turn off **HDMI 1080p 24Hz**. You can select **Auto** or **Off**.

   • **HDMI 3D**—Turns the 3D feature on or off. You can select **Auto** or **Off**.

Selecting the digital audio output mode

To select the digital audio output mode:

1 Turn on your player.

   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Audio**.

4 Press **ENTER**. **Digital Out** is highlighted.

5 Press **ENTER**.

6 Press ▲ or ▼ to highlight a mode, then press **ENTER**. You can select:

   • **PCM**—Outputs the signal as processed audio ready for any receiver. Use this when your receiver cannot decode the movie soundtrack on the disc.

   • **Bitstream**—Outputs the movie soundtrack without any processing. This option requires a receiver that supports the movie soundtrack format.

   • **Bitstream Re-encode**—Combines all audio signals and outputs as DTS, Dolby, or PCM depending on the audio stream on the disc.

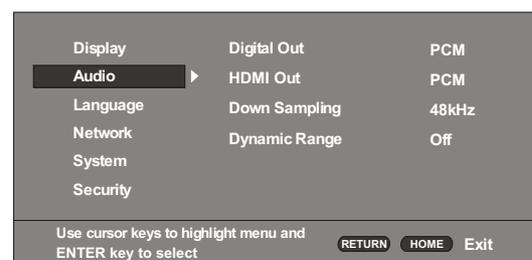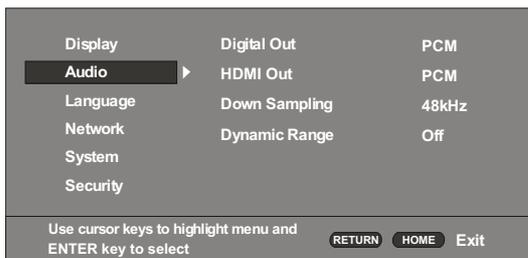## Selecting the HDMI digital audio output mode

To select the HDMI digital audio output mode:

1 Turn on your player.

   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Audio**.

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **HDMI OUT**, then press **ENTER**.

6 Press ▲ or ▼ to highlight a mode, then press **ENTER**. You can select:

   • **PCM**—Outputs the signal as processed audio ready for any receiver. Use this when your receiver cannot decode the movie soundtrack on the disc.

   • **Bitstream**—Outputs the movie sound track without any processing. This option requires a receiver that supports the movie soundtrack format.

   • **Bitstream Re-encode**—Automatically selects the HDMI digital signal type according to the audio stream on the disc.

Selecting the PCM downsampling rate

If your player is connected to an audio receiver or TV with an optical or coaxial cable, you need to select the highest PCM sampling rate the amplifier supports.

To select the PCM downsampling rate:

1 Turn on your player.

   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Audio**.
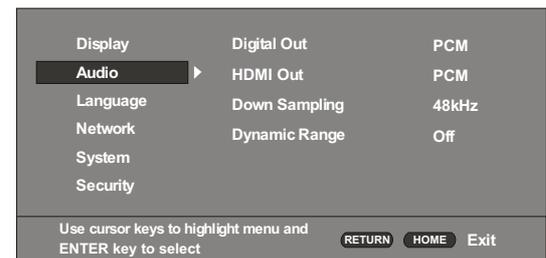
4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Down Sampling**, then press **ENTER**.

6 Press ▲ or ▼ to highlight a rate, then press **ENTER**. You can select:

   • **48kHz**—Select this option if the TV speakers, amplifier, or home theater is not capable of handling signals over 48kHz sampling rate.

   If you **do not** have an audio receiver or TV connected to your player through one of the digital audio jacks (optical or coaxial), select 48kHz. See the documentation that came with the receiver or TV.

   • **96kHz**—Select this option if the TV speakers, amplifier, or home theater is capable of handling a digital sampling rate of 96kHz.

   • **192kHz**—Select this option if the TV speakers, amplifier, or home theater is capable of handling a digital sampling rate of 192kHz.

Turning dynamic range control on or off

When **Dynamic Range Control** is set to **Off**, movie soundtracks are played with the standard dynamic range.

When movie soundtracks are played at low volume or from smaller speakers, you can set **Dynamic Range Control** to **On**. Your player applies appropriate compression to make low-level content more intelligible and prevent dramatic passages from getting too loud.

To turn dynamic range control on or off:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Audio**.

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Dynamic Range**, then press **ENTER**.

6 Press ▲ or ▼ to highlight **On** or **Off**, then press **ENTER**.

Selecting the on-screen menu language

To select the on-screen menu language:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Language**.

4 Press **ENTER**. **OSD** is highlighted.

5 Press **ENTER**, press ▲ or ▼ to highlight a language, then press **ENTER**. You can select **English** or **Spanish**.

Selecting the disc menu language

To select the disc menu language:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Language**.

Display	OSD	English
Audio	Disc Menu	Auto
Language ▶	Disc Audio	Auto
Network	Disc Subtitle	None
System		
Security		

Use cursor keys to highlight menu and ENTER key to select   (RETURN) (HOME) Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Disc Menu**, then press **ENTER**.

6 Press ▲ or ▼ to highlight a language, then press **ENTER**. The available languages depend on the disc.

Selecting the disc audio language

To select the disc audio language:
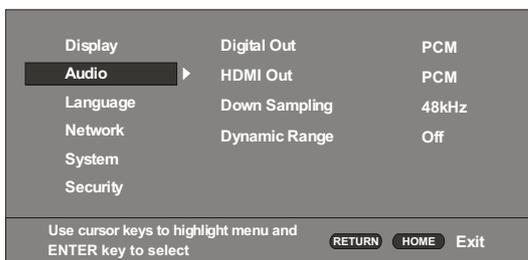
1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ▶ to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Language**.

Display	OSD	English
Audio	Disc Menu	Auto
Language ▶	Disc Audio	Auto
Network	Disc Subtitle	None
System		
Security		

Use cursor keys to highlight menu and ENTER key to select   (RETURN) (HOME) Exit
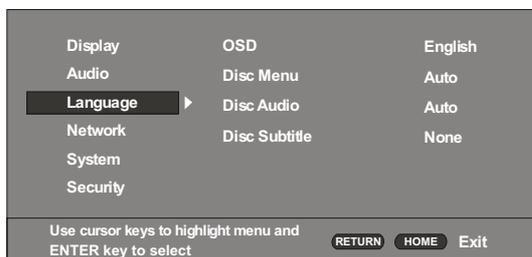
4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Disc Audio**, then press **ENTER**.

6 Press ▲ or ▼ to highlight a language, then press **ENTER**. The available languages depend on the disc.

Selecting the subtitle language

To select the subtitle language:
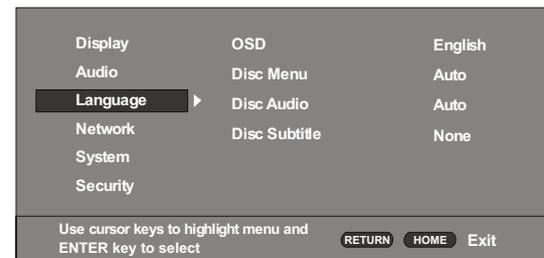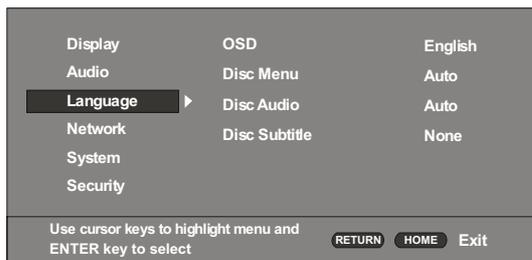
1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ▶ to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Language**.

Display	OSD	English
Audio	Disc Menu	Auto
Language ▶	Disc Audio	Auto
Network	Disc Subtitle	None
System		
Security		

Use cursor keys to highlight menu and ENTER key to select   (RETURN) (HOME) Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Disc Subtitle**, then press **ENTER**.

6 Press ▲ or ▼ to highlight a language, then press **ENTER**. The available languages depend on the disc.

Configuring a wired Internet connection

To configure a wired Internet connection:

1 Turn on your player.

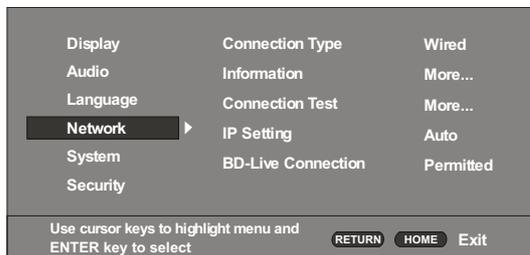If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press △ **HOME**. The HOME menu is displayed.

> **Note**
>
> If this is the first time you have turned on your player, the Quick Setup wizard opens. For instructions on completing the wizard, see "Turning on your player for the first time" on page 8.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Network**.

4 Press **ENTER**. **Connection Type** is highlighted.

5 Press **ENTER**, press ▲ or ▼ to select **Wired**, then press **ENTER**.

Configuring a wireless Internet connection

To configure a wireless Internet connection:

1 Set up your access point or wireless router (if not already set up).

2 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press △ **HOME**. The HOME menu is displayed.

> **Note**
>
> If this is the first time you have turned on your player, the Quick Setup wizard opens. For instructions on completing the wizard, see "Turning on your player for the first time" on page 8.

3 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

4 Press ▲ or ▼ to highlight **Network**.
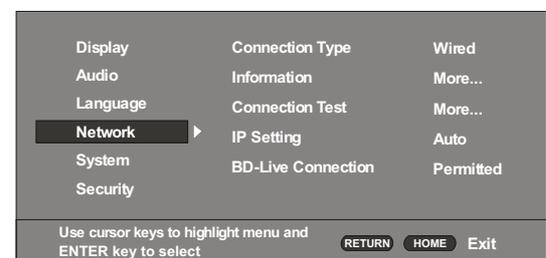
5 Press **ENTER**. **Connection Type** is highlighted.

6 Press **ENTER**, press ▲ or ▼ to highlight **Wireless**, then press **ENTER**. If the current **Connection Type** is set to **Wired**, the *Wireless Setting* screen opens. If the current **Connection Type** is set to **Wireless**, the following screen is displayed.
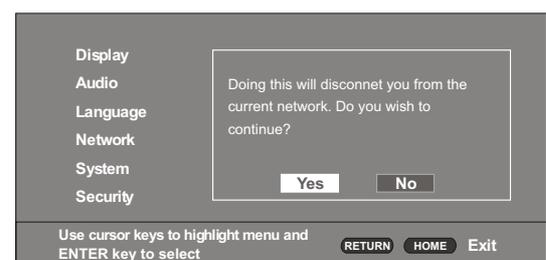
7 Select **Yes**, then press **ENTER**. The *Wireless Setting* screen opens.

8 Press ▲ or ▼ to highlight a connection type, then press **ENTER**. You can select:

- **Scan**—Automatically searches for any networks within range.
- **Manual**—Lets you enter a router's name or SSID.
- **WPS**—Connects your player to a WPS protected Wi-Fi router.

9 Follow the on-screen instructions to complete the network setup.

Notes

Use a LAN cable or router that supports 10BASE-T/100BASE-TX.

Insignia cannot guarantee that all brands of broadband routers are compatible with your player.

You need a router to use xDSL service. Your Internet service provider may have restrictions on the use of a router. Contact your Internet service provider.

Cordless phones, Bluetooth devices, microwave ovens, and similar devices may interfere with wireless connections that operate on the 2.4GHz frequency.

Internet access can be limited based on:

- Internet traffic
- The type of connection you have
- The bandwidth provided by your Internet service provider
- Access restrictions set by your Internet service provider
- Problems with the site or your Internet service provider

If your player cannot access Internet sites or services, make sure that:

- Power has not failed.
- Your Internet service provider is not experiencing problems.
- Your player is configured correctly.

See "Troubleshooting" on page 30.

Viewing Internet connection information

To view Internet connection information:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.


2 Press ▲ ▼ ◀ or ▶ on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Network**.

Display	Connection Type	Wired
Audio	Information	More...
Language	Connection Test	More...
Network ▶	IP Setting	Auto
System	BD-Live Connection	Permitted
Security		

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Information**, then press **ENTER**. Information such as Address Type, IP Address, and Subnet Mask is displayed.

Testing your Internet connection

When your player tests your Internet connection, it sends (pings) an IP address.

To test your Internet connection:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◀ or ▶ on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Network**.

Display	Connection Type	Wired
Audio	Information	More...
Language	Connection Test	More...
Network ▶	IP Setting	Auto
System	BD-Live Connection	Permitted
Security		

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Connection Test**, then press **ENTER**. If the test is successful, "Connection Success" appears on the screen.

If this test fails, check the connection to your home network.

- If you have a wired connection:
  - Make sure your network cable is securely attached to your router and your player.
  - Make sure your router is connected to your cable or DSL modem correctly.
- If you have a wireless connection:
  - Make sure your router is connected to your cable or DSL modem correctly.
  - Make sure your player is within the range of your router.
  - Make sure the WIFI network you want to use is selected.
  - If you have a security password, be sure you have entered the password correctly.
  - If further help is need for setting up security and obtaining your security password, contact your router manufacturer and/or cable or DSL modem manufacturer.

If the Connection Test fails, there may be an issue with your router or Internet service provider.

- Make sure that you router is connected correctly to your cable or DSL modem.
- Contact your Internet service provider for more help.

Setting the IP address

You can set your player to automatically obtain an IP address when it connects to your Internet service provider (ISP). Some providers require that you enter a fixed IP address that does not change.

To set the IP address:

1 Turn on your player.
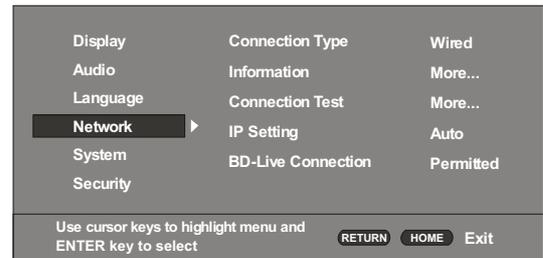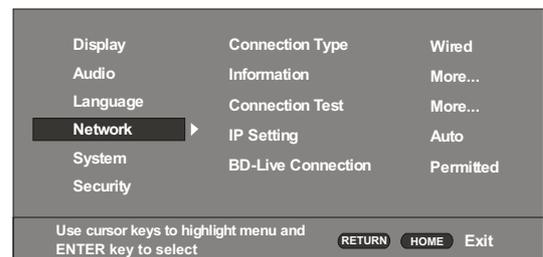
If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ▶ on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Network**.

Display	Connection Type	Wired
Audio	Information	More...
Language	Connection Test	More...
Network ▶	IP Setting	Auto
System	BD-Live Connection	Permitted
Security		

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **IP Setting**, then press **ENTER**.

6 Press ▲ or ▼ to highlight **Auto** or **Manual**, then press **ENTER**.

If you selected **Manual**, the *Network Information* screen opens with the **IP Address** row highlighted. Press a number button to enter the first digit of the IP address, then press ▶ to move to the next digit. Continue using the number buttons and the ◄ or ▶ buttons to enter the rest of the IP address. When you have finished, press **ENTER**. If you need to remove a number you entered, press ▼.

Setting the BD-Live Internet access level

1 Turn on your player.

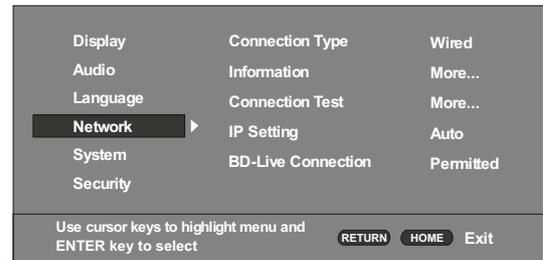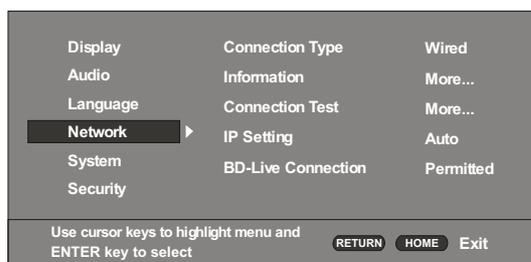If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Network**.

Display	Connection Type	Wired
Audio	Information	More...
Language	Connection Test	More...
Network ►	IP Setting	Auto
System	BD-Live Connection	Permitted
Security		

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **BD-Live connection**, then press **ENTER**.

6 Press ▲ or ▼ to highlight an access level, then press **ENTER**. You can select:

- **Permitted**—Always allows Internet access.
- **Partial Permitted**—Allows internet access to BD-Live content with valid certificates only.
- **Prohibited**—Never allows Internet access.

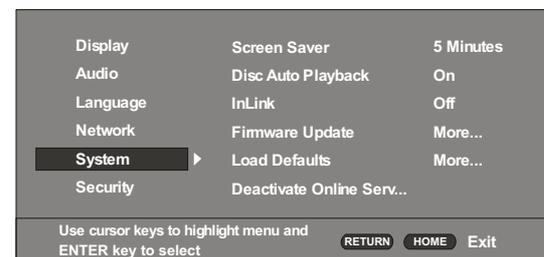## Setting the screen saver activation time

Your player has a screen saver feature that turns the the displays the Insignia logo when your player is inactive. The logo moves around the screen to prevent screen burn-in. You can set the amount of time you want your player to wait before activating the screen saver.

To set screen saver activation time:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

Display	Screen Saver	5 Minutes
Audio	Disc Auto Playback	On
Language	InLink	Off
Network	Firmware Update	More...
System ►	Load Defaults	More...
Security	Deactivate Online Serv...	

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**. **Screen Saver** is highlighted.

5 Press **ENTER**, then press ▲ or ▼ to highlight the amount on time your player is inactive before it displays the screen saver. You can select 5 minutes, 10 minutes, 15 minutes, or 20 minutes.

6 Press **ENTER**.

Setting automatic disc playback mode

You can set your player to automatically start playback when you load a disc and close the disc tray.

To set automatic disc playback mode:
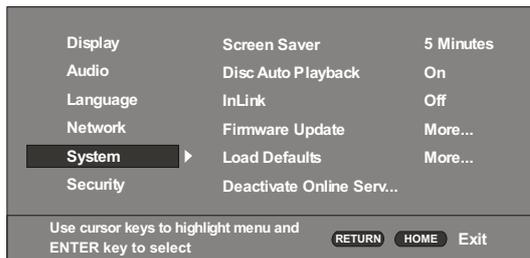
1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

Display	Screen Saver	5 Minutes
Audio	Disc Auto Playback	On
Language	InLink	Off
Network	Firmware Update	More...
System	Load Defaults	More...
Security	Deactivate Online Serv...	

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Disc Auto Playback**, then press **ENTER**.

6 Press ▲ or ▼ to highlight **On** or **Off**, then press **ENTER**.

Turning InLink on or off

This option is used to allow the TV remote control to control certain functions of the Blu-ray player; and for the Blu-ray player to control certain functions of the TV. InLink control is only available when you are using an HDMI connection to your TV.

Note

Not all TVs are compatible with your Blu-ray player.

To turn InLink on or off:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

Display	Screen Saver	5 Minutes
Audio	Disc Auto Playback	On
Language	InLink	Off
Network	Firmware Update	More...
System	Load Defaults	More...
Security	Deactivate Online Serv...	

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **InLink**, then press **ENTER**.

6 Press ▲ or ▼ to highlight **On** or **Off**, then press **ENTER**.

Upgrading your player's firmware

You can upgrade your player's firmware by:
- Connecting your player to the Internet and letting your player tell you when a firmware upgrade is available
- Downloading a firmware upgrade to a disc or USB flash drive, then installing the firmware upgrade from the disc or flash drive
- Manually installing an upgrade directly from the Internet.

To let your player tell you when a firware upgrade is available:

1 Connect your player to the Internet. When your player is connected to the Internet, it automatically detects available firmware upgrads and displays a message on the screen.

2 Follow the on-screen instructions to install the firmware upgrade.

To upgrade your player's firmware from a disc or flash drive:

1 Insert the disc or flash drive into a computer.

2 Go to www.insigniaproducts.com, type "NS-WBRDVD3" in the search box, then press **ENTER**.

3 Click the **CURRENT Firmware** link, then save the firware update to the disc or flash drive.

4 Insert the disc or flash drive into your player. Your player automatically detects the upgrade software and installs it on your player.

5 Follow the on-screen instructions to complete the firmware upgrade. A message tells your when the upgrade is complete.

6 Press **ENTER**.

To upgrade your player's firmware directly from the Internet:
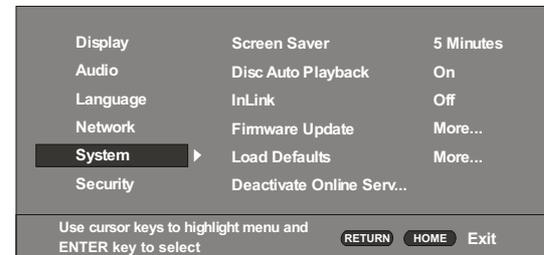
1 Turn on your player.

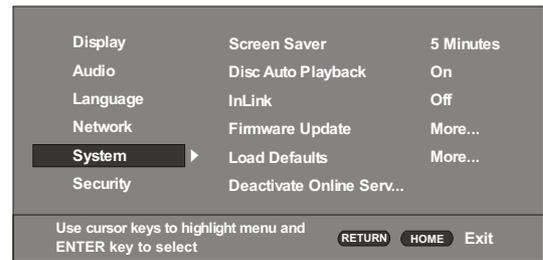If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

4 Press **ENTER**.

5 Press ▲ or ▼ to highlight **Firmware Update**, then press **ENTER**.

6 Press **ENTER** to highlight **Network**, then press **ENTER** again.

7 Follow the on-screen instructions to complete the firmware upgrade. A message tells you when the upgrade is complete. If an error message appears, make sure that you are not trying to install an older version of the firmware. To view the installed firmware version, see "Displaying system information" on page 26.

8 Press **ENTER**.

Displaying system information

To display system information:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

4 Press **ENTER**.

INSIGNIA™

5 Press ▲ or ▼ to highlight **System Information**, then press **ENTER**. Information about your player, such as the serial number, software version, and Netflix ESN, is displayed.

Viewing the Open Source Software information

To view the Open Source Software information:
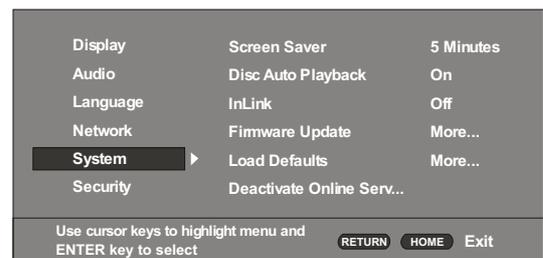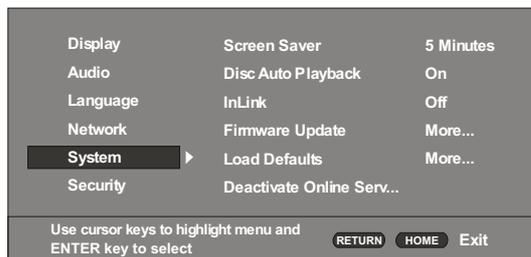
1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

4 Press **ENTER**.

Press ▲ or ▼ to highlight **Legal**, then press **ENTER**. The Open Source Software information is displayed.

Viewing BD-Live information

To view BD-Live information:

1 Turn on your player.

If no disc is in the disc tray, the HOME menu is displayed.

Or

If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

4 Press **ENTER**.

5 Press ▼ to highlight **BD-Live Storage**, then press **ENTER**.

6 Press ▼ to highlight **Information**, then press **ENTER**. Information, including how much storage space is available, is displayed.
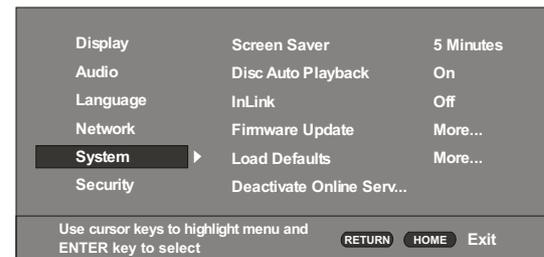
Erasing BD-Live storage

To erase BD-Live storage:
1 Turn on your player.

   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **System**.

Display	Screen Saver	5 Minutes
Audio	Disc Auto Playback	On
Language	InLink	Off
Network	Firmware Update	More...
System ▶	Load Defaults	More...
Security	Deactivate Online Serv...	

Use cursor keys to highlight menu and ENTER key to select   RETURN   HOME   Exit

4 Press **ENTER**.
5 Press ▼ to highlight **BD-Live Storage**, then press **ENTER**.
6 Press ▼ to highlight **Erase BD-Live data**, then press **ENTER**.
7 Follow the on-screen instruction to erase storage data.

Setting the parental control password

You must set a password before you can set parental controls.

To set the parental control password:
1 Turn on your player.
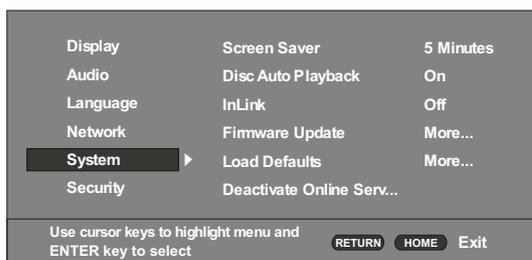
   If no disc is in the disc tray, the HOME menu is displayed.

   Or

   If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ► on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Security**.

Display	Change Password	More...
Audio	Parental Control	Off
Language		
Network		
System		
Security ▶		

Use cursor keys to highlight menu and ENTER key to select   RETURN   HOME   Exit

4 Press **ENTER**. **Change Password** is highlighted.
5 Press **ENTER**. The *Change Password* screen opens.

Display	Change Password
Audio	
Language	Please enter current Password:
Network	
System	
Security ▶	

Use cursor keys to highlight menu and ENTER key to select   RETURN   HOME   Exit

6 Press the number buttons to enter the current password (the default password is **0000**), then press **ENTER**. Another screen opens.

7 Press the number buttons to enter your new password, then press **ENTER**. Enter your new password again to confirm, then press **ENTER**.

Setting the parental control level

To set the parental control level:

1 Turn on your player.

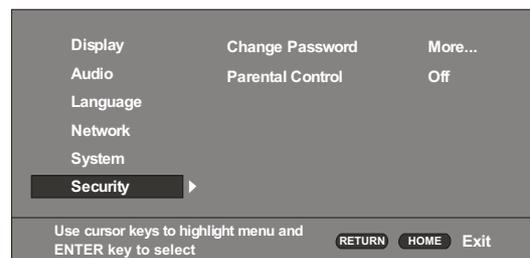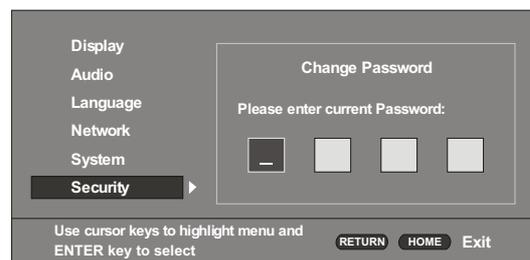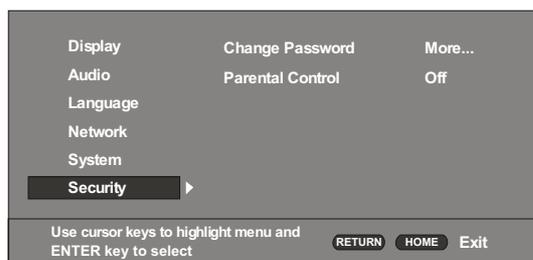   If no disc is in the disc tray, the HOME menu is displayed.

    Or

    If a disc is in the tray, press ⌂ **HOME**. The HOME menu is displayed.

2 Press ▲ ▼ ◄ or ▶ on the remote control to highlight **SETTINGS**, then press **ENTER**. The SETTINGS menu opens.

3 Press ▲ or ▼ to highlight **Security**.

4 Press **ENTER**, press ▲ or ▼ to highlight **Parental Control**, then press **ENTER**. You are prompted to enter the password.

5 Press the number buttons to enter the password, then press **ENTER**.

6 Press ▲ or ▼ to select the parental control level you want, then press **ENTER**.

Parental control levels

Off—Turns off parental controls.

KID SAFE—Safe for kids

G—All children and general guidance

PG—Parental guidance

PG-13—Parental guidance for children under 13

PGR—Parental guidance recommended.

R—Restricted viewing

NC-17— No one 17 and under allowed

ADULT— Adult only

Note
• If you set the parental control level and try to play a disc with level higher than current parental control level, a password box opens. Use the number buttons to enter the password, then press **ENTER**. After you stop playback, the parental control is reset.
• If you try to change the parental control level, a password box opens. Use the number buttons to enter the password, then press **ENTER**.

Maintaining

General guidelines

- The top and back panels of your player may become hot after a long period of use. This is not a malfunction.
- When your are not using your player, make sure that you remove the disc and put your player into standby mode.
- If you do not use your player for a long period of time, it may not function correctly. Turn on and use your player occasionally.
- Do not place objects on the disc tray.
- Do not locate your player:
  - Near heating devices or in an enclosed vehicle.
  - In an area with a temperature over 104°F (40°C) or humidity over 90%.
  - Dirty places.
  - In an area with direct exposure to sunlight.
  - Do not install this equipment in a confined space such as a book case or similar unit. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, or curtains.
- Make sure that you leave a minimum of 4 inches (10 cm) around your player for sufficient ventilation.

Electrical disturbance

If you place your player next to a radio, TV, or VCR, the image may be poor and the sound may be distorted. In this case, move your player away from the radio, TV, or VCR.

Condensation

Condensation may form inside your player when:
- You move your player from a cold area to a warm area
- You use it in a cold room where you have just turned on a heater
- Air conditioning is blowing directly on your player
- Your player is in a damp place

If condensation forms inside your player, your player may not work correctly. Turn on your player, remove the disc and leave the tray open, then leave your player on for two to three hours.

To minimize condensation problems, keep the power cord connected to a power outlet.

Storing discs

- Do not store discs in a place that is exposed to direct sunlight or heat.
- Do not store discs in a place that is exposed to moisture and dust, such as a bathroom or near a humidifier.
- Store discs vertically in their cases. Stacking discs or placing objects on discs when not in their cases may cause warping.

Handling discs

- To keep a disc clean, do not touch the play side (non-label side) of the disc.
- Do not attach paper or tape to the disc.
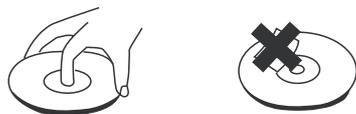
Cleaning discs

- Before playback, wipe the disc outwards from the center (not in a circle) with a clean cloth.

- If you cannot clean the disc with a dry cloth, wipe the disc with a slightly moistened, soft cloth, then dry with a soft cloth.
- Do not use any solvents, such as paint thinner, benzine, or commercially available cleaners, or anti-static spray designed for vinyl records.

Troubleshooting

Check the following information for the possible cause and solution for a problem before contacting the nearest service center or dealer for repairs.

The following do not indicate a problem with your player:

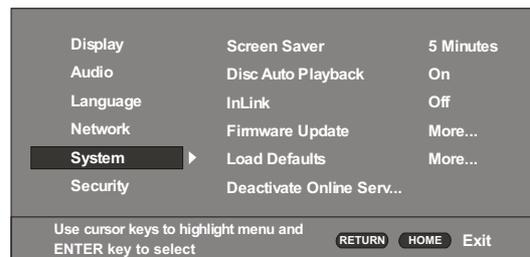- Regular disc rotation sounds.
- Image disturbance during search.
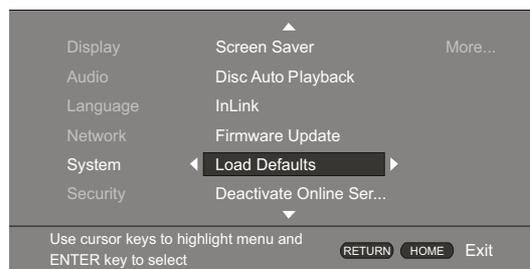
Loading default settings

Caution
• To load default values on your player returns all settings, including parental control settings, to the factory default.   • After you reset your player, you must set up your network and online applications again.

To load default settings:

1 Press **HOME** to open the *Home* menu.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**.

3 Press ▲ or ▼ to highlight **System**.

Display	Screen Saver	5 Minutes
Audio	Disc Auto Playback	On
Language	InLink	Off
Network	Firmware Update	More...
System ►	Load Defaults	More...
Security	Deactivate Online Serv...	
Use cursor keys to highlight menu and ENTER key to select	RETURN HOME Exit	

4 Press **ENTER**, then press ▲ or ▼ to highlight **Load Defaults**.

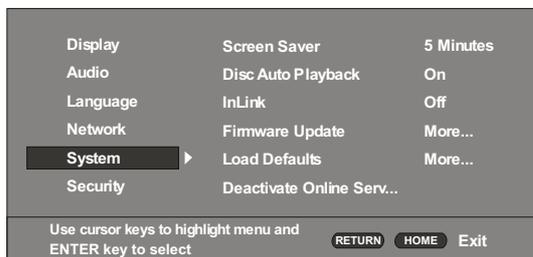| Display	Screen Saver	More...
Audio	Disc Auto Playback	
Language	InLink	
Network	Firmware Update	
System ◄	Load Defaults ►	
Security	Deactivate Online Ser...	
Use cursor keys to highlight menu and ENTER key to select	RETURN HOME Exit	

5 Press **ENTER**. A message asks "Do you want to load default settings?".

6 Select **Yes**, then press **ENTER**. Your player resets to the default settings and the *Quick Setup* menu opens.

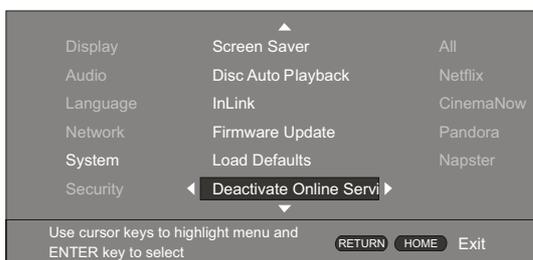7 Follow the on-screen instructions to select initial settings, such as the menu language and the screen resolution.

Deactivating individual online applications

To deactivate individual online applications:

1 Press **HOME** to open the *Home* menu.

2 Press ▲ ▼ ◄ or ► to highlight **SETTINGS**, then press **ENTER**.

3 Press ▲ or ▼ to highlight **System**.

Display	Screen Saver	5 Minutes
Audio	Disc Auto Playback	On
Language	InLink	Off
Network	Firmware Update	More...
System ►	Load Defaults	More...
Security	Deactivate Online Serv...	

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

4 Press **ENTER**, then press ▲ or ▼ to highlight **Deactivate Online Service**.

▲		
Display	Screen Saver	All
Audio	Disc Auto Playback	Netflix
Language	InLink	CinemaNow
Network	Firmware Update	Pandora
System	Load Defaults	Napster
Security	◄ Deactivate Online Servi ►	
	▼	

Use cursor keys to highlight menu and ENTER key to select   RETURN HOME Exit

5 Press **ENTER**.

6 Press ▲ ▼ ◄ or ► to highlight the application you want to deactivate, then press **ENTER**. The next time you try to open the application, you have to activate it again.

Power

Problem	Solution
No power	• Make sure that the power cord is plugged into a power outlet and that the outlet is supplying power.
The player switches to standby mode	• After a period of inactivity, your player switches to standby mode automatically. This is a power saving feature. • When InLink is turned activated on your player, CEC is turned activated on your TV, and you use your TV's remote control to turn off your TV, your player switches to standby mode. Use your player's remote control to turn on your player. Your TV also turns on. • If your player switches to standby mode unexpectedly, a safety protection may have been activated. Press ⏻ **STANDBY/ON** on the front of your player.

Operation

Problem	Solution
Remote control does not work	• Make sure that you are pointing the remote control at the remote control sensor on the front of your player. • Make sure that there are no obstructions between the remote control and the remote control sensor on the front of your player. • Make sure that there is no colored glass between the remote control and the remote control sensor on the front of your player. Colored glass, such as the glass door of an entertainment center, can interfere with signal reception. • Make sure that the remote control sensor is not exposed to direct sunlight or bright light. These can interfere with signal reception. • If the batteries came wrapped in clear plastic, make sure the plastic has been removed. • Replace the batteries.
Some or all functions do not work	• Some functions are not allowed by the disc, for example, fast-forwarding through the warning information at the beginning of the disc. • Condensation may have formed inside your player. Turn off your player and wait one to two hours for the condensation to evaporate. • Reset your player. For instructions, see "Loading default settings" on page 30.
Playback fails to start or starts then stops even when ► (play) is pressed	• Make sure that the disc is inserted face up in the disc tray. • Make sure that the disc is not dirty. For instructions, see "Cleaning discs" on page 30. • The disc may be blank or incompatible with your player. Try another disc.
Start up is slow and audio and video output takes a long time	• If power has been interrupted or the power cord has just been connected, startup is slow. This is not a defect. • If your player is connected to the TV with an HDMI cable, startup is slow. This is not a defect.
When reading a disc, the disc tray opens	• Make sure that the disc is not dirty. For instructions, see "Cleaning discs" on page 30. • The disc may be incompatible with your player. Try another disc. • Reset your player. For instructions, see "Loading default settings" on page 30.
Audio or video pause during playback	• Make sure that the disc is not dirty. For instructions, see "Cleaning discs" on page 30. • Reset your player. For instructions, see "Loading default settings" on page 30.

Problem	Solution
The player is on and the logo and menu appear, but there is no image from the disc	• Make sure that the disc is not dirty. For instructions on cleaning a disc, see "Cleaning discs" on page 30. • Reset your player. For instructions, see "Loading default settings" on page 30.
The player freezes when reading a disc	• Reset your player. For instructions, see "Loading default settings" on page 30. • When you see "loading" on the screen, press ⏏ (open/close) to open the disc tray and remove the disc. Clean the disc. (For instructions, see "Cleaning discs" on page 30, then try the disc again. • If your player freezes again, the disc may contain some content that is not compatible with your player. Do no try playing the disc with your player. • Make sure the firmware is up to date. See "Upgrading your player's firmware" on page 26.

TV screen, video, and HDMI connections

Problem	Solution
Video does not appear on the TV screen or the picture is distorted	• Make sure that the TV is connected to the correct jacks on the back of your player. • Make sure that the TV is set to the correct video input source. • The TV may be in screen saver mode. Check the documentation that came with the TV for instructions about "waking" your TV. • Reset your player. For instructions, see "Loading default settings" on page 30.
Video is not output in high definition	• High definition video cannot be output through the VIDEO OUT jack. You must connect the TV to your player using the HDMI jack. • Make sure that the correct HDMI resolution has been selected in the Setup menu. See "Selecting the video output resolution" on page 16.
The 4:3 aspect ratio picture expands left and right, the picture size is incorrect, or the image of my 16:9 TV appears stretched or distorted	• Use the TV to change the aspect ratio. See the documentation that came with the TV. • Change aspect ratio setting to match the size of your TV screen. If your TV has a 4:3 screen, change the aspect ratio to **4:3 Letterbox**. If your TV has a 16:9 screen, change the aspect ratio to **16:9 Normal.** See "Selecting the TV aspect ratio" on page 16.
There is no apparent change in the picture quality when the picture settings are changed in the *Setup* menu	• Depending on the video type, changes may not be apparent.
When playing a BD-Live disc, the screen is black	• Erase BD Storage. See "Erasing BD-Live storage" on page 28. • Make sure that your Internet connection is working. • Make sure that the Internet cable is connected securely and correctly to your player and the Internet jack.

BD-Live and USB connections

Problem	Solution
Cannot connect access BD-Live content	• Make sure that the BD-Live Disc you are using is a legal copy. • Make sure that the USB flash drive is connected correctly and securely, and has at least 1 GB capacity. • Make sure that the network connection is working.
After connecting to the Internet, cannot download a file	• Erase BD Storage. See "Erasing BD-Live storage" on page 28. • Make sure that the Internet connection is working. • Try a different USB flash drive.
File was downloaded, but playback from file pauses	• Make sure that the USB flash drive is a USB 2.0 device. Using a USB 1.1 device may cause pausing. • Try a different USB flash drive.

Wireless Internet connections

Problem	Solution
Cannot perform automatic setup with my wireless router	• Only WPS automatic setup is supported by the player.
Cannot connect to my wireless router	• Make sure that the router automatically allows new devices to connect to it. • The 802.11n specification is not finalized, so not all 802.11n devices are compatible.
Cannot connect to the Internet (wireless connection)	• Your player may be experiencing interference from other devices that operate on the same frequency. Try turning off unused network equipment and wireless devices, such as cordless phones or Bluetooth devices. • Your wireless router or access point may be too far from your player. Move your wireless router or access point closer to your player. • Move your wireless router or access point to a higher position in the area. Sometimes elevating your router or access point one or two feet improves reception.

Other playback problems

Problem	Solution
Audio and video pause momentarily	• This happens when your player is changing chapters in a playlist. • When playing a disc that is recorded on both layers, audio and video may pause when your player is changing layers.
Blu-ray Disc or DVD does not play	• Make sure that the disc has the correct region code. Your player plays discs with region code 1 or All. • Check the rating on the disc. You may have set parental controls to block that rating. • Check the **System** option in the Settings menu to see if **Disc Auto Play** is set to **On** or **Off**. If **Disc Auto Play** is set to **Off**, the disc does not play automatically when you close the disc tray. Press ▶ (play) to start playback.
Picture In Picture (PIP) does not work on a Blu-ray Disc	• Make sure that the disc supports PIP mode.

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Problem	Solution
No subtitles	• Turn on subtitles. See "Selecting the subtitle language" on page .20. • Make sure that the disc was recorded with subtitles. If the disc has subtitles, a subtitle option should appear on the disc's menu.
Cannot change the viewing angle	• Some discs are not recorded with multiple viewing angles. Check the documentation that came with the disc. • Not all scenes on a disc have multiple viewing angles. Check the documentation that came with the disc.
Resume function does not work	• If you press ■ (stop) twice, the resume information is erased. • Some discs do not support the resume function.

BD-Live technical notes

• The Insignia player only supports the connection of USB memory in order to fulfill the Blu-ray Disc Profile 2.0 or "BD-Live" requirement for 1 GB of free, available storage. An externally connected drive will become the default storage for BD-Live content and the internal storage will be ignored.

• You must have a BD-Live disc in the player to play any related (already downloaded) content.

• Some BD-Live content may expire and will not play.

• You will occasionally need to delete the contents in storage in order to free up space. This can be done from your player's main setup menu, in the *System* submenu (select **Erase BD-Live data**). The Insignia player currently only allows deleting the entire BD storage.

• No clock is used to manage the expiration of downloaded BD-live content. Instead, time and expiration of content is managed by the BD-Live server on the Internet.

Specifications

Specifications are subject to change without notice.

System and outputs

TV signal system	NTSC
Video output	Electric level output: 1.0 Vp-p Resistance: 75 ohms Output connector: Pin jack (1 system)
Audio output (analog)	Output level: 2 Vrms (1 kHz, 0 dB) Output connector: Pin jack Number of connectors: 2-channel (1)
Audio output (digital)	Coaxial digital output (pin jack) (1)
Audio performance (frequency response)	Audio: 20 Hz to 20 kHz S/N ratio: 90 dB Dynamic range: 80 dB Total harmonic distortion: 0.004%
HDMI output	Output format: 480i, 480p, 720p,1080i, 1080p, Auto

General

Power	100V-240V ~ 50/60Hz
Power consumption	17 W
Dimensions H × W × D	1.6 × 14.2 × 8.3 inches (41 × 360 × 212 mm)
Weight	3.3 lbs. (1.5 kg)
Operating temperature	41°F to 95°F (5℃ to 35℃)
Operating humidity	10% to 80%

Video file requirement (USB/DISC)

• Video file compatibility with your player is limited as follows:
  • Maximum resolution size: 1920x1080 (W x H) pixels
  • File extensions: .wmv, .avi, .mp4, .mpeg, .mpg, .vob, .mkv (**Note:** Files encoded by Divx cannot be played on this player)
  • Playable Audio format: Dolby Digital, DTS, MP3, WMA, AAC, AC3
  • Sampling frequency: within 32 to 48kHz (WMA), within 8-48kHz (Mp3)
  • Bit rate: within 32-192kbps (WMA), within 32-320kbps (Mp3)

• CD-R/RW, DVD R/RW, BD-R/RE Format: ISO 9660+JOLIET, UDF and UDF Bridge format

• Maximum Files/Folder: Less than 1000. The movie file name and subtitle are limited to 180 characters.

• Not all of the WMA and AAC Audio formats are compatible with your player.

• HD WMA movie files contained on a USB 1.0/1.1 flash drive may not play correctly. Blu-ray, DVD, or USB 2.0 are recommended to play back HD WMA movie files.

• Your player does not support files that are recorded with GMC (Global Motion Compensation) or Qpel (Quarter pixel). Those are video encoding techniques in MPEG4 standard, like DivX.

MP3/WMA audio file requirement (USB/DISC)

- File extensions: .mp3, .wma
- Sampling frequency: Within 32 to 48kHz (WMA), within 8 to 48kHz (Mp3)
- Bit rate: Within 32-192kbps (WMA) 32-320kbps (MP3)
- CD-R/RW, DVD R/RW, BD-R/RE Format: ISO 9660+JOLIET, UDF and UDF Bridge format
- Maximum Files/Folder: Less than 2000 (total number of files and folders)
- Depending on the size and number of the MP3/WMA files, it may take several minutes to read the contents of the media.
- HD WMA movie files contained on a USB 1.0/1.1 flash drive may not play correctly. Blu-ray, DVD, or USB 2.0 are recommended to play back HD WMA movie files.

Photo file requirement (USB/DISC)

- File extensions: .jpg, .jpeg, .png, .gif
- Recommended size:
  - PNG: 5120 × 5120 pixels
  - GIF: 10000 × 10000 pixels
  - JPEG/JPG: 8192 × 8192 pixels, 32MB
- CD-R/RW, DVD R/RW, BD-R/RE Format: ISO 9660+JOLIET, UDF, and UDF Bridge format
- Maximum Files/Folder: Less than 1000 (total number of files and folders)
- Progressive and lossless compression photo image files are not supported.
- Depending on the size and number of the photo files, it may take several minutes to read the contents of the media.

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

DHHS and FDA safety certification

This product is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

1. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropic ally radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

2. This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

"Cet équipement est conforme à l'exposition aux rayonnements IC limites établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre le radiateur et votre corps."

3. "This device complies with Industry license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

"Ce dispositif est conforme à la norme de l'industrie RSS exempts de licence (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne peut pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif."

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OPEN SOURCE SOFTWARE

For OPEN SOURCE SOFTWARE information, refer to the System section in the on-screen display (OSD) on the Blu-ray player. If you require additional information or you wish to receive the complete corresponding GPL or LGPL licensed source code, please call the Insignia support line at 1-877-467-4289. This source code is available for a period of three (3) years from the date of the distribution of this product by Insignia.

One-year limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new product ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 30 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home. Should the Insignia-approved repair person not correct the issue on the first call, an Insignia television (size and features to be determined by Insignia) will be loaned to you until your TV is repaired and returned, at no charge to you. This feature is only available to Insignia television consumers residing in the United States.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States, Canada, and Mexico.

What does the warranty not cover?

This warranty does not cover:
- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

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Contact Insignia:

For customer service please call 1-877-467-4289

www.insigniaproducts.com

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